

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL  
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

# LISTING SERVICE

**LISTING No.** 7272-1062:108 Page 1 of 1

**CATEGORY:** Photoelectric Smoke Detectors

**LISTEE:** Detection Systems, Inc., 130 Perinton Parkway, Fairport, NY 14450  
Contact: Frank Mioduszewski (585) 223-4060 Fax (585) 421-4263

**DESIGN:** Photoelectric type smoke detectors. Models are listed below:

DS250, DS250TH, DS250DH

DS282, DS282TH, DS282THS, DS282THC

DS284, DS284TH, DS284THC, DS284THR, DS284THS, DS284THCS, DS284THSR,  
DS284IS, DS284THE, DS284ES, DS284THES

Model DS250TH, DS282TH and DS284THxx employ an integral 135<sup>0</sup> fixed temperature heat detector. This heat sensor is intended for use only as a supplemental device to assist the smoke detector. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 8.5 - 33.0 VDC

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

**MARKING:** Listee's name, model number, electrical rating and UL label.

**APPROVAL:** Listed as photoelectric smoke detectors for use with separately listed compatible fire alarm control unit. Models DS250 and DS250TH are intended for use with separately listed bases Models MB2W, MB2WL, MB4W, MB4WA or MB4WE. Model DS250DH is intended for use with separately listed Duct Detector Housing Model \*DS290 (SFM Listing No. 3240-1062:136) or Models DS291 or DS292 (CSFM Listing No. 3240-1062:134). Refer to listee's Installation Instructions Manual for details.

\*Rev. 12-22-2002KK



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 21, 2003**

*Listing Expires **June 30, 2004***

Authorized By: **DIANE K. AREND**, Senior Deputy  
Program Manager